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AMENDMENTS OF CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

1-75. (Cancelled)

76. (Currently Amended) A particle derivative of high density lipoprotein particles obtained from a biological fluid, comprising lipids, apolipoprotein A-1 and at least one of apolipoprotein C-III, apolipoprotein D or apolipoprotein E,

wherein the lipids include phospholipids,

wherein the particle derivative of the high density lipoprotein particles from the biological fluid is formed by exposing the high density lipoprotein particles from the biological fluid to a lipid removing agent,

and wherein the particle derivative of the high density lipoprotein particles from the biological fluid has a lower content of at least one of the phospholipids or cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.

77. (Currently Amended) A particle derivative of high density lipoprotein particles obtained from a biological fluid, comprising lipids and apolipoprotein A-1,

wherein the lipids include phospholipids and at least one of triglycerides or fatty acids,

wherein the particle derivative of the high density lipoprotein particles from the biological fluid is formed by exposing the high density lipoprotein particles from the biological fluid to a lipid removing agent,

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and wherein the particle derivative of the high density lipoprotein particles from the biological fluid has a lower content of at least one of the phospholipids or cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.

78-80. (Cancelled)

81. (Currently Amended) The particle derivative of the high density lipoprotein particles of Claim 76, wherein the lipids include at least one of triglycerides or fatty acids.

82. (Currently Amended) The particle derivative of the high density lipoprotein particles of Claim [76] 77, further comprising at least one of apolipoprotein C-III, apolipoprotein D or apolipoprotein E.

83. (New) The particle derivative of the high density lipoprotein particles of Claim 76, wherein the derivative has a lower content of cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.

84. (New) The particle derivative of the high density lipoprotein particles of Claim 76, wherein the lipid removing agent is an ether or a combination of an alcohol and an ether.

85. (New) The particle derivative of the high density lipoprotein particles of Claim 76, wherein the ether is di-isopropyl ether.

86. (New) The particle derivative of the high density lipoprotein particles of Claim 76, wherein the alcohol is n-butanol.

87. (New) The particle derivative of the high density lipoprotein particles of Claim 76, wherein the lipid removing agent is a mixture of sevoflurane and n-butanol.

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88. (New) The particle derivative of the high density lipoprotein particles of Claim 76, wherein the exposure is achieved by an exposure process comprising the steps of:

- a. mixing the lipid removing agent with a mixture of the high density lipoprotein particles and low density lipoprotein particles to create a mixture of the particle derivative, lipids, the lipid removing agent, and the low density lipoprotein particles;
- b. separating the lipid removing agent and lipids from the mixture of the particle derivative, the lipids, the lipid removing agent, and the low density lipoprotein particles; and,
- c. collecting the particle derivative and the low density lipoprotein particles.

89. (New) The particle derivative of the high density lipoprotein particles of Claim 88, wherein the lipid removing agent comprises a mixture of sevoflurane and n-butanol.

90. (New) The particle derivative of the high density lipoprotein particles of Claim 88, wherein the mixing is performed using a static mixer.

91. (New) The particle derivative of the high density lipoprotein particles of Claim 88, wherein the separation is performed using a charcoal column.

92. (New) The particle derivative of the high density lipoprotein particles of Claim 88, further comprising the steps of:

- a. connecting a patient to a device for withdrawing blood;
- b. withdrawing blood containing blood cells from the patient;
- c. separating blood cells from the blood to yield a fraction wherein the fraction contains a mixture of the high density lipoprotein particles and the low density lipoprotein particles.

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93. (New) The particle derivative of the high density lipoprotein particles of Claim 77, wherein the derivative has a lower content of cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.

94. (New) The particle derivative of the high density lipoprotein particles of Claim 77, wherein the lipid removing agent is an ether or a combination of an alcohol and an ether.

95. (New) The particle derivative of the high density lipoprotein particles of Claim 77, wherein the ether is di-isopropyl ether.

96. (New) The particle derivative of the high density lipoprotein particles of Claim 77, wherein the alcohol is n-butanol.

97. (New) The particle derivative of the high density lipoprotein particles of Claim 77, wherein the lipid removing agent is a mixture of sevoflurane and n-butanol.

98. (New) The particle derivative of the high density lipoprotein particles of Claim 77, wherein the exposure is achieved by an exposure process comprising the steps of:

- a. mixing the lipid removing agent with a mixture of the high density lipoprotein particles and low density lipoprotein particles to create a mixture of the particle derivative, lipids, the lipid removing agent, and the low density lipoprotein particles;
- b. separating the lipid removing agent and lipids from the mixture of the particle derivative, the lipids, the lipid removing agent, and the low density lipoprotein particles; and,
- c. collecting the particle derivative and the low density lipoprotein particles.

99. (New) The particle derivative of the high density lipoprotein particles of Claim 98, wherein the lipid removing agent comprises a mixture of sevoflurane and n-butanol.

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100. (New) The particle derivative of the high density lipoprotein particles of Claim 98, wherein the mixing is performed using a static mixer.

101. (New) The particle derivative of the high density lipoprotein particles of Claim 98, wherein the separation is performed using a charcoal column.

102. (New) The particle derivative of the high density lipoprotein particles of Claim 98, further comprising the steps of:

- a. connecting a patient to a device for withdrawing blood;
- b. withdrawing blood containing blood cells from the patient;
- c. separating blood cells from the blood to yield a fraction wherein the fraction contains a mixture of the high density lipoprotein particles and the low density lipoprotein particles.

103. (New) A particle derivative of at least one form of high density lipoprotein particle comprising lipids, apolipoprotein A-1 and at least one of apolipoprotein C-III, apolipoprotein D or apolipoprotein E,

wherein the lipids include phospholipids,

wherein the particle derivative is formed by separating low density lipoprotein particles from a mixture of the high density lipoprotein particles and the low density lipoprotein particles and subsequently exposing the mixture to a lipid removing agent, and

wherein the particle derivative has a lower content of at least one of the phospholipids or cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.

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104. (New) The particle derivative of Claim 103, wherein the particle derivative has a lower content of cholesterol than the high density lipoprotein particles.

105. (New) The particle derivative of Claim 103, wherein the lipid removing agent is an ether or a combination of an alcohol and an ether.

106. (New) The particle derivative of Claim 105, wherein the ether is di-isopropyl ether.

107. (New) The particle derivative of Claim 105, wherein the alcohol is n-butanol.

108. (New) The particle derivative of Claim 103, wherein the lipid removing agent is a mixture of sevoflurane and n-butanol.

109. (New) The particle derivative of Claim 103, wherein the exposure is achieved by an exposure process comprising the steps of:

- a. mixing the lipid removing agent with the high density lipoprotein particles to create a mixture of the particle derivative, lipids, and the lipid removing agent;
- b. separating the lipid removing agent and lipids from the mixture of the particle derivative, the lipids, and the lipid removing agent; and,
- c. collecting the particle derivative.

110. (New) The particle derivative of Claim 109, wherein the lipid removing agent comprises a mixture of sevoflurane and n-butanol.

111. (New) The particle derivative of Claim 109, wherein the separation of the low density lipoprotein particles is performed using an apheresis device.

112. (New) The particle derivative of Claim 109, wherein the mixing is performed using a static mixer.

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113. (New) The particle derivative of Claim 109, wherein the separation of the lipid removing agent and the lipids is performed using a charcoal column.

114. (New) The particle derivative of Claim 109, further comprising the steps of:
- a. connecting a patient to a device for withdrawing blood;
 - b. withdrawing blood containing blood cells from the patient; and,
 - c. separating blood cells from the blood to yield a fraction wherein the fraction contains a mixture of the high density lipoprotein particles and the low density lipoprotein particles.

115. (New) The particle derivative of Claim 103, wherein the lipids include at least one of triglycerides or fatty acids.

116. (New) A particle derivative of at least one form of high density lipoprotein particle comprising lipids and apolipoprotein A-1,

wherein the lipids include phospholipids and at least one of triglycerides or fatty acids,

wherein the particle derivative is formed by separating low density lipoprotein particles from a mixture of the high density lipoprotein particles and the low density lipoprotein particles and subsequently exposing the mixture to a lipid removing agent,

wherein the particle derivative has a lower content of at least one of the phospholipids or cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.

117. (New) The particle derivative of Claim 116, wherein the particle derivative has a lower content of cholesterol than the high density lipoprotein particles.

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118. (New) The particle derivative of Claim 116, wherein the lipid removing agent is an ether or a combination of an alcohol and an ether.

119. (New) The particle derivative of Claim 118, wherein the ether is di-isopropyl ether.

120. (New) The particle derivative of Claim 118, wherein the alcohol is n-butanol.

121. (New) The particle derivative of Claim 116, wherein the lipid removing agent is a mixture of sevoflurane and n-butanol.

122. (New) The particle derivative of Claim 116, wherein the exposure is achieved by an exposure process comprising the steps of:

- a. mixing the lipid removing agent with the high density lipoprotein particles to create a mixture of the particle derivative, lipids, and the lipid removing agent;
- b. separating the lipid removing agent and lipids from the mixture of the particle derivative, the lipids, and the lipid removing agent; and,
- c. collecting the particle derivative.

123. (New) The particle derivative of Claim 122, wherein the lipid removing agent comprises a mixture of sevoflurane and n-butanol.

124. (New) The particle derivative of Claim 122, wherein the separation of the low density lipoprotein particles is performed using an apheresis device.

125. (New) The particle derivative of Claim 122, wherein the mixing is performed using a static mixer.

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126. (New) The particle derivative of Claim 122, wherein the separation of the lipid removing agent and the lipids is performed using a charcoal column.

127. (New) The particle derivative of Claim 122, further comprising the steps of:
- a. connecting a patient to a device for withdrawing blood;
 - b. withdrawing blood containing blood cells from the patient; and,
 - c. separating blood cells from the blood to yield a fraction wherein the fraction contains a mixture of the high density lipoprotein particles and the low density lipoprotein particles.

128. (New) The particle derivative of Claim 116, further comprising at least one of apolipoprotein C-III, apolipoprotein D or apolipoprotein E.